

INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY Czechoslovakia

REPORT

SUBJECT 1. Military Radio Communications Center on Petrin Hill in Prague, *Sketch*.  
2. Network of Shortwave Radio Stations in Czechoslovakia, *Sketch*.

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SOURCE EVALUATIONS ARE DEFINITIVE

1. The radio telegraphic network on Petrin Hill in Prague has become the headquarters for military communications service in Bohemia and Moravia. All shortwave radio communications between military units are controlled from here. About 300 soldiers are stationed here; they wear khaki uniforms, red-bordered black epaulettes, and signal corps insignia.
2. A network of shortwave radio stations has been erected on hills throughout Czechoslovakia. These stations function as amplifiers for the nearest transmitters. There are allegedly 30 to 40 such transmitters, each manned by five persons.
3. A description of the installation on Petrin Hill with sketches showing the layout of the installation and the appearance of the antennas.

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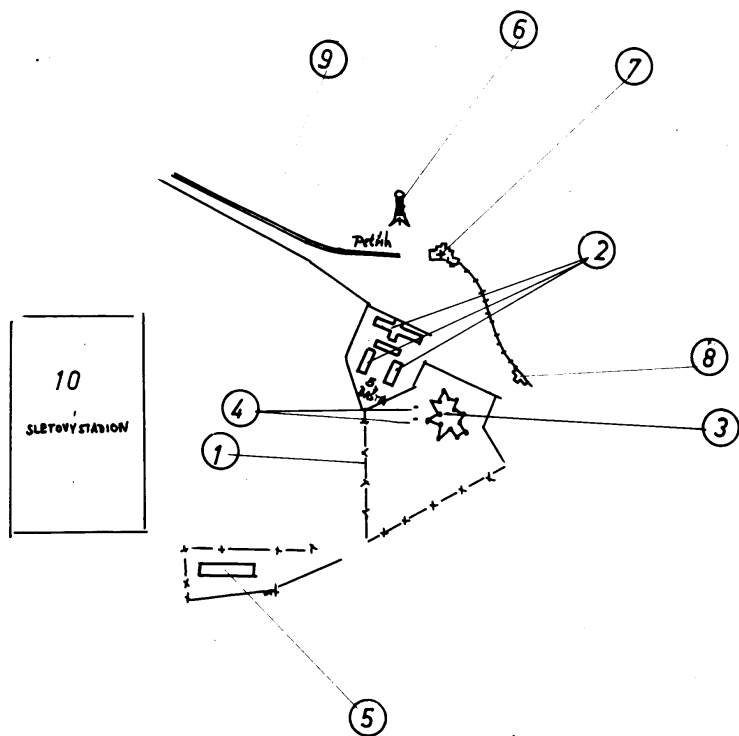
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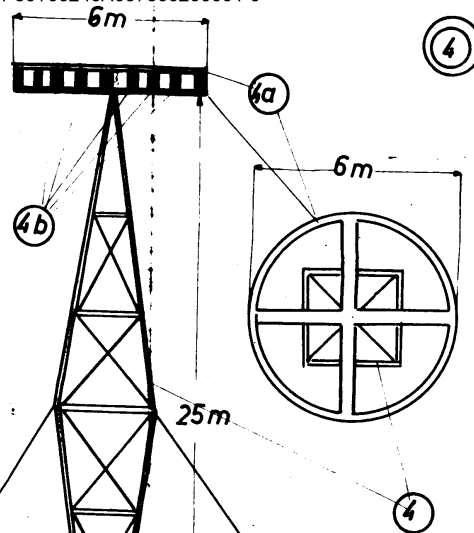
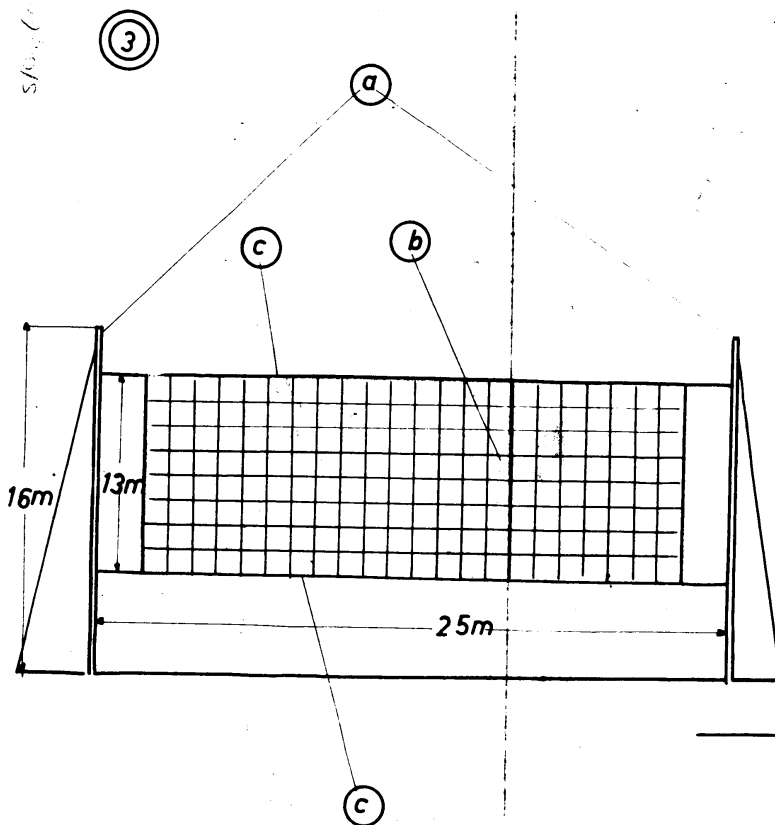
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Attachment # 1

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Attachment # 2

1. The radio-telegraphic network on ~~the~~ Petrin Hill in Prague was first established during the German occupation. Major enlargement of it began in 1948 and continued until 1950. It has become the Headquarters of Communication Service for Bohemia and Moravia. Also a network of various types of receiving and transmitting antennas was built; the antennas strongly resemble the radar type of antennas. In the area towards the Sokol Stadium new wooden huts were erected. 50X1-HUM
2. Description of the area (see attachment #1)  
The area covers the so-called 5th Fort ground and the eastern tip of the former assemblage area for Sokol performers; (there used to be cloakrooms of Sokol organization which burnt down in 1953.) The south side is bordered by the Kinsky's Garden and on the eastern side is the Petrin park and the original Castle wall, called Strahov's walls. On the west side is a building material storage.
  - (1) Fence - on the Petrin park side is a closely boarded wooden fence as a continuation of the Castle wall. There is also a hedge alongside the wooden fence.
  - (2) Barracks and HQ of the Communication Service - there is a 2-story old masonry building about 50 meters long; two new 2-story buildings of about the same size were added later. Also a row of wooden huts, housing repair shops, was erected.
  - (3) Network of antennas (see attachment #2) - On the eastern tip stand the antennas erected in irregular pattern and covering an area of about 160 x 70 square meters.
    - (A) Antenna masts are of metal, approximately 16 meters high, 10 cm in diameter. The masts are also fastened by wire cables to the ground.
    - (b) Antenna - looks like an ordinary net, formed by squares of about 40 x 40 cm. Wires, or strips are about 1 cm thick.
    - (c) Supporting cables - the net is held by two cables which are fastened to the masts. The length of the net is approximately 25-30 meters and the height approx. 3 meters. The lower end of the net is about 3 meters above the ground.

- (4) Towers - On the east side of the 5th Fort stand 2 metal towers approximately 20-25 meters high and about 40 meters apart from one another. The towers are of steel construction. A ring about 5-6 meters in diameter is fastened on the top of each tower. The rings are formed by two wheels having about 40-60 centimeters space in between. The two wheels are joined by a series of metal strips about 10 centimeters wide.
- (5) Barracks and parking area - On the south side of a lumber yard a new military building was built in 1952/53. It is a long wooden complex behind which other wooden buildings stand. Here is also located the parking area of the communication unit. There are about 40 radio-transmitting vehicles (of Praga RN type).
- (6) The Petrin look-out tower.
- (7) Sv. Vavrinec Church.
- (8) Observatory.
- (9) Hunger wall.
- (10) Sokol Stadium.

3. Some details about the military unit.

The soldiers wear khaki uniforms, red-bordered black epaulettes and signal corps insignia.

There are about 300 soldiers stationed here.

In the newly built barracks is supposed to be the HQ of Communication Service for Bohemia and Moravia and from here are controlled all short wave radio communications between military units.

A network of shortwave radio stations was erected in the whole country (on hills). These stations function as amplifiers as they are linked with the nearest transmitters.

There are, allegedly, about 30-40 of such transmitters each manned by 5 persons.